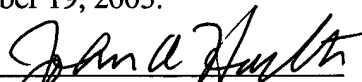


**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service via Express Mail Label No. EL449698760US, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 19, 2003.

  
John A. Hamilton  
Reg. No. 48,946

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Michael E. Mack  
Application Serial Number: N/A

Examiner: N/A  
Group Art Unit: N/A

Filed: Herewith

For: SYSTEM FOR AND METHOD OF GAS CLUSTER ION BEAM PROCESSING

PERKINS, SMITH & COHEN, LLP  
One Beacon Street  
Boston, MA 02108  
(617) 854-4000

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement (Form PTO-1449) (including copies of references) is submitted under 37 CFR 1.97(b).

**REMARKS**

Applicant submits herewith an Information Disclosure Statement under 37 CFR 1.97(b).

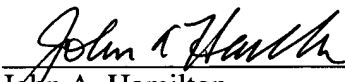
The following information is presented in the event that a call may be deemed desirable by the Examiner:

JOHN A. HAMILTON (617) 854-4000.

Respectfully submitted,  
Michael E. Mack, Applicant

Dated: September 19, 2003

By:

  
John A. Hamilton  
Reg. No. 48,946  
Attorney for Applicant

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Modified) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(37 CFR 1.98(b))

ATTY. DOCKET NO.  
11460-127 US

SERIAL NO.

APPLICANT  
Michael A. Mack

FILING DATE

9/19/03

GROUP

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,814,194	9/29/98	Deguchi et al	204	192.1	10/12/95
	5,959,305	9/28/99	Mack et al	250	492.21	6/19/98
	6,331,227	12/18/01	Dykstra et al	156	345.1	12/14/99
	6,486,478	11/26/02	Libby et al.	250	492.1	12/6/00
	6,613,240	9/2/03	Skinner et al.	216	38	12/1/00
	2002/0130275 A1	9/19/02	Mack et al.	250	492.1	12/26/01

### FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

### OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

		Forrester, A. Theodore, LARGE ION BEAMS, pp. 33-41, John Wiley & Sons, NY, 1988

EXAMINER DATE CONSIDERED